

Approved for use through 10/31/2002. OMB 0651-0031
Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(use as many sheets as necessary)

Sheet	1	of	5
-------	---	----	---

Application Number	09/755,512
Filing Date	January 5, 2001
First Named Inventor	Raymond Kloth
Group Art Unit	2663
Examiner Name	Not yet assigned
Attorney Docket Number	112025-0074C1

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
TN		6,219,699	B1	McCloghrie, et al.	04/17/2001	
		6,208,649	B1	Kloth	03/27/2001	
		6,035,105	B1	McCloghrie, et al.	03/07/2000	
		5,991,302	B1	Berl, et al.	11/23/1999	
		5,917,820	B1	Rekhter	06/29/1999	
		5,872,783	B1	Chin	02/16/1999	
		5,796,740	B1	Perlman et al.	08/18/1998	
		5,796,732	B1	Mazzola et al.	08/18/1998	
		5,764,636	B1	Edsall	06/09/1998	
		5,752,003	B1	Hart	05/12/1998	
		5,742,604	B1	Edsall et al.	04/21/1998	
		5,740,171	B1	Mazzola et al.	04/14/1998	
		5,684,800	B1	Dobbins et al.	11/04/1997	
		5,633,869	B1	Burnett et al.	05/27/1997	
		5,633,858	B1	Chang et al.	05/27/1997	
		5,617,421	B1	Chin et al.	04/01/1997	
		5,612,959	B1	Takase et al.	03/18/1997	
		5,511,168	B1	Perlman et al.	04/23/1996	
		5,500,860	B1	Perlman et al.	03/19/1996	
TN		5,473,607	B1	Hausman et al.	12/05/1995	

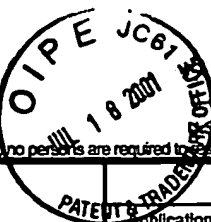
[illegible]

06/18/2006

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 5

Complete if Known

Application Number	09/755,512
Filing Date	January 5, 2001
First Named Inventor	Raymond Kloth
Group Art Unit	2663
Examiner Name	Not yet assigned
Attorney Docket Number	112025-0074C1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
TN		5,430,715	B1	Corbalis et al.	07/04/1995	
		5,414,704	B1	Spinney	05/09/1995	
		5,394,402	B1	Ross	02/28/1995	
		5,394,394	B1	Crowther et al.	02/28/1995	
		5,361,256	B1	Doeringer et al.	11/01/1994	
		5,313,454	B1	Bustini et al.	05/17/1994	
		5,305,311	B1	Lyles	04/19/1994	
		5,304,992	B1	Harashima	04/19/1994	
		5,274,631	B1	Bhardwaj	12/28/1993	
		5,140,585	B1	Tomikawa	08/18/1992	
		5,088,032	B1	Bosack	02/11/1992	
		5,027,350	B1	Marshall	06/25/1991	
		5,018,137	B1	Backes et al.	05/21/1991	
		4,933,937	B1	Konishi	06/12/1990	
TN		4,864,559	B1	Perlman	09/05/1989	

RECEIVED
JUL 23 2001
Technology Center 2800

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₀
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner
Signature

/Toan Nguyen/

Date
Considered

06/18/2006

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0551-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 5

Complete if Known

Application Number	09/755,512
Filing Date	January 5, 2001
First Named Inventor	Raymond Kloth
Group Art Unit	2663
Examiner Name	Not yet assigned
Attorney Docket Number	112025-0074C1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
TN		"IEEE STANDARDS for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks", IEEE Std 802. 1Q-1998, Copyright 1999, IEEE, pp. 1-199.	
		IEEE, "Draft Standard for Virtual Bridged Local Area Networks," pp. 1-10 and 70-72 (May 1997)	
		Deering, S., and Cheriton, D., "Multicast Routing in Datagram Internetworks and Extended LANs," Vol. 8, ACM Transactions on Computer Systems, pp. 85-110 (May 1990)	
		Deering, S. et al., "An Architecture for Wide-Area Multicasting," Proceedings of SIGCOMM '94 Conf., ACM, pp. 126-135 (October 1994).	
		"Cisco VLAN Roadmap", http://www.cisco.com/warp/public/538/7.html , pp. 1-9, posted July 17, 1995.	
		"Cisco Catalyst Workgroup Switch Version 3.0," http://www.cisco.com/warp/public/558/16.html , pp 1-5, posted August 29, 1994.	
		"Virtual Networking Services," http://www.cisco.com/warp/public/614/5.html , pp 1-10, posted October 28, 1997.	
		"Cisco LAN Switching Products," http://www.cisco.com/warp/public/534/16.html , pp 1-21, posted March 31, 1995.	
		"Multicast Routing," http://www.cisco.com/warp/public/614/17.html , pp 1-3, posted August 3, 1995.	
		"IP Multicast Streamlines Delivery of Multicast Applications," http://www.cisco.com/warp/public/674/4.html , pp 1-4, posted February 24, 1998.	
TN		"Catalyst 1200 Release 4.0," http://www.cisco.com/warp/public/558/49.html , pp 1-7, posted May 18, 1995.	

Examiner Signature

/Toan Nguyen/

Date Considered

06/18/2006

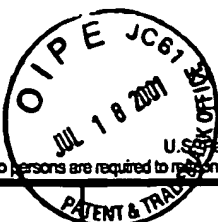
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED
JUL 23 2001
Technology Center 2600

Please type a plus sign (+) inside this box → ☐



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/755,512
		Filing Date	January 5, 2001
		First Named Inventor	Raymond Kloth
		Group Art Unit	2663
		Examiner Name	Not yet assigned
		Attorney Docket Number	112025-0074C1
Sheet	4	of	5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TN		"Cisco IOS VLAN Services," http://www.cisco.com/warp/public/614/11.html , pp 1-3, posted January 21, 1998.	
		"Cisco IOS Technologies," http://www.cisco.com/warp/public/732/ciscoios.html , pp 1-2, 1997.	
		"The Virtual LAN Technology Report," http://www.3com.com/nsc/200374.html , pp. 1-19, 1998.	
		"ATM Internetworking," http://www.cisco.com/warp/public/614/12.html#LANE , pp. 1-7, posted June 1, 1995.	
		Lucent's and Prominet's Motion for Leave To Amend Their Amended Complaint, with Exhibits being filed in Lucent Technologies, Inc. and Prominet Corporation v. Cisco Systems, Inc. and Cisco Technology, Inc. Civil Action No. 98-349 (JJP).	
		"Cisco Introduces VLAN Solution," Communications Industry Researchers, Broadband Networks and Applications, April 15, 1995.	
		"Cisco Announces Token-Ring Switching Products," Communications Industry Researchers, Broadband Networks and Applications, April 15, 1995.	
		"Chipcom and Cisco To Collaborate On ATM Networking Solutions," Communications Industry Researchers, Broadband Networks and Applications, April 15, 1995.	
		"Cisco Announces New Fast Ethernet Interface," Communications Industry Researchers, Broadband Networks and Applications, April 15, 1995.	
		Lucent Technologies, Inc.'s Initial Disclosure of Prior Art under Civil Local Rule 16-7, dated November 18, 1998.	
TN		Cisco 7000 Series Gains Fast Ethernet Interface, Becomes Only Router Family to Support Three High-Speed Network Types, web, http://www.cisco.com/warp/public/146/199.html , pgs. 1-2.	

Examiner Signature	/Toan Nguyen/	Date Considered	06/18/2006
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED
JUL 23 2001
Technology Center 2600

Please type a plus sign (+) inside this box → ☐



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no person shall be required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 5

Complete if Known

Application Number	09/755,512
Filing Date	January 5, 2001
First Named Inventor	Raymond Kloth
Group Art Unit	2663
Examiner Name	Not yet assigned
Attorney Docket Number	112025-0074C1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TN		ISL Function Specification, web, http://www.cisco.com/warp/public/741/4.html , pgs. 1-4.	
		Configuring VTP and Virtual LANs, Catalyst 5000 Series Software Configuration Guide, Chapter 13, pgs. 13-24.	
		Cisco-Catalyst 5000 Software Release 2.1 Feature Set, web, http://www.cisco.com/warp/public/729/c5000/426_pp.htm , pgs. 1-9.	
		IEEE Standard Project P802.1Q, Draft Standard for Virtual Bridged Local Area Networks, Copyright by the Institute of Electrical and Electronics Engineers, Inc., February 28, 1997, pgs. 1-88.	
		Draft Standard P.802.1Q/D10, IEEE Standards for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks, Copyright by the Institute of Electrical and Electronics Engineers, Inc., March 22, 1997, pgs. 1-212.	
		ISL Configurations for Cisco IOS and the Catalyst 5000, web, http://www.cisco.com/warp/public/741/8.html , pgs. 1-8.	
		Dynamic Inter-Switch Link Protocol, 2.2 Configuration Note, pgs. 2-6.	
TN		Virtual LANs, Catalyst 2820 Series and Catalyst 1900 Series Enterprise Edition Software Configuration Guide, Chapter 2, pgs. 2-1 - 2-49.	

Examiner Signature

/Toan Nguyen/

Date Considered

06/18/2006

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED
JUL 23 2001
Technology Center 2660